

Conclusion

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Respectfully submitted,

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36. (Canceled without prejudice) An optical waveguide fiber comprising:
a core region having a centerline and at least two segments having a positive relative refractive index, a refractive index profile, and an inner and an outer radius, the radii being measured with reference to the centerline;
a clad layer surrounding and in contact with the core region, the clad layer having a relative index and a refractive index profile;
wherein the optical waveguide fiber exhibits an optical attenuation at a wavelength of about 1383 nm which is not more than 0.10 dB/km above an optical attenuation exhibited at a wavelength of about 1310 nm.

37. (Canceled without prejudice) An optical waveguide fiber comprising:
a silica containing glass core; and
a glass cladding surrounding the silica containing glass core;
wherein the optical waveguide fiber exhibits an optical attenuation at a wavelength of about 1383 nm which is not more than 0.10 dB/km above an optical attenuation exhibited at a wavelength of about 1310 nm; and
wherein the optical waveguide fiber exhibits a zero dispersion at a wavelength greater than 1310 nm.